

12/10/01  
J1131 U.S. PTO

40006385 12/10/01

Please type a plus sign (+) inside this box ☒ Approved for use through 10/31/2002 OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No.	N.C. 82,591
First Inventor	Keller
Title	METAL NANOPARTICLE THERMOSET AND CARBON COMPOSITIONS FROM
Express Mail Label No.	

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10/006385  
12/10/01

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages 27] (preferred arrangement set forth below) <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>	a. <input type="checkbox"/> Computer Readable Form (CRF)
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 2]	b. Specification Sequence Listing on: <ul style="list-style-type: none"><li>1. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>11. <input type="checkbox"/> paper</li></ul>
5. Oath or Declaration [Total Pages ] <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)</li><li>1. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</li></ul>	c. <input type="checkbox"/> Statements verifying identity of above copies
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	

<b>ACCOMPANYING APPLICATION PARTS</b>	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)	<input type="checkbox"/> Power of Attorney
11. <input type="checkbox"/> English Translation Document (if applicable)	
12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(13)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17. <input type="checkbox"/> Other: _____	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No. _____
Prior application information		Examiner _____	Group Art Unit. _____

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below
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Name	Naval Research Laboratory, Code 1008.2		
Address	4555 Overlook Ave., S.W., Code 1008.2		
City	Washington	State	DC
Country	US	Telephone	202-404-1552
		Zip Code	20375-5320
		Fax	202-404-7380

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182
Signature		Date	12/10/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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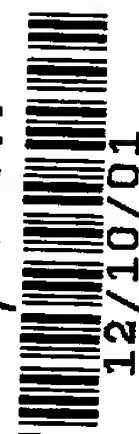
# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ ) 740

## Complete if Known

Application Number	Not yet assigned
Filing Date	December 10, 2001
First Named Inventor	Keller
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	82,591

jc931 U.S. PTO  
10/006385

12/10/01

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to
- Deposit Account Number 50-0281
- Deposit Account Name Naval Research Laboratory
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status, See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
		101 740 201 370		Utility filing fee	740
		106 330 206 165		Design filing fee	
		107 510 207 255		Plant filing fee	
		108 740 208 370		Reissue filing fee	
		114 160 214 80		Provisional filing fee	

SUBTOTAL (1) (\$ ) 740

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
18	-20- = 0	X 18	0
Independent Claims	3	-3" = 0	X 0
Multiple Dependent			

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description
		103 18 203 9		Claims in excess of 20
		102 84 202 42		Independent claims in excess of 3
		104 280 204 140		Multiple dependent claim, if not paid
		109 84 209 42		** Reissue independent claims over original patent
		110 18 210 9		Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
		105 130 205 65		Surcharge - late filing fee or oath	
		127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
		139 130 139 130		Non-English specification	
		147 2,520 147 2,520		For filing a request for ex parte reexamination	
		112 920* 11 2 920*		Requesting publication of SIR prior to Examiner action	
		113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
		115 110 215 55		Extension for reply within first month	
		116 400 216 200		Extension for reply within second month	
		117 920 217 460		Extension for reply within third month	
		118 1,440 218 720		Extension for reply within fourth month	
		128 1,960 228 980		Extension for reply within fifth month	
		119 320 219 160		Notice of Appeal	
		120 320 220 160		Filing a brief in support of an appeal	
		121 280 221 140		Request for oral hearing	
		138 1,510 138 1,510		Petition to institute a public use proceeding	
		140 110 240 55		Petition to revive - unavoidable	
		141 1,280 241 640		Petition to revive - unintentional	
		142 1,280 242 640		Utility issue fee (or reissue)	
		143 460 243 230		Design issue fee	
		144 620 244 310		Plant issue fee	
		122 130 122 130		Petitions to the Commissioner	
		123 50 123 50		Processing fee under 37 CFR 1.17(c)	
		126 180 126 180		Submission of Information Disclosure Stmt	
		581 40 581 40		Recording each patent assignment per property (times number of properties)	
		146 740 246 370		Filing a submission after final rejection (37 CFR § 1.129(a))	
		149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))	
		179 740 279 370		Request for Continued Examination (RCE)	
		169 900 169 900		Request for expedited examination of a design application	
				Other fee (specify) _____	

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0

## SUBMITTED BY

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone	202-404-1552
Signature		Date	12/10/01		

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5870  
1008.2  
December 10, 2001

Navy Case No. 82,591

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: Keller et al

For: **"METAL NANOPARTICLE THERMOSET AND CARBON COMPOSITIONS FROM MIXTURES OF METALLOCENE-AROMATIC-ACETYLENE COMPOUNDS"**

NOTICE TO FILING WITHOUT OATH OR DECLARATION BY APPLICANT

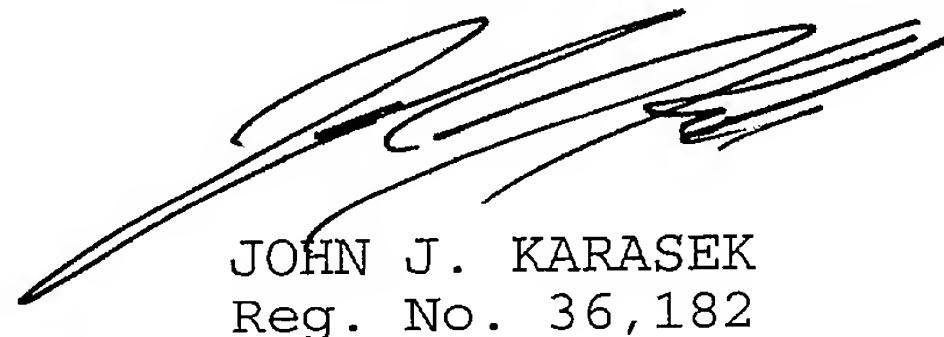
Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Please take notice that this application is being filed pursuant to 37 C.F.R. 153(d) without the oath or declaration of the Applicant. This is being done to secure an early filing date.

Upon the Notice from the Patent Office required by 1.53(d), Applicant will file the required oath or declaration, and pay the surcharge as set forth in 37 C.F.R. 1.16(e).

Respectfully submitted,



JOHN J. KARASEK  
Reg. No. 36,182

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